

Other instruments / adapters / accessories

A 1532 XA EVSE adapter



The A 1532 EVSE XA adapter is used for verification of electrical safety and functional testing of EVSE together with supported METREL installation testers. It is intended for testing Mode 3 EV supply equipment with a type 2 connector. XA version supports 3 phase load testing up to 13 A and different error types, including PE open. If used together with Metrel AUTOSEQUENCES®, prebuilt in the newer multifunctional testers, the complete EVSE charging station can be tested (state-by-state) electrically and functionally with a push of a button. It is possible to create a professional station-based report with MESM.

KEY FEATURES

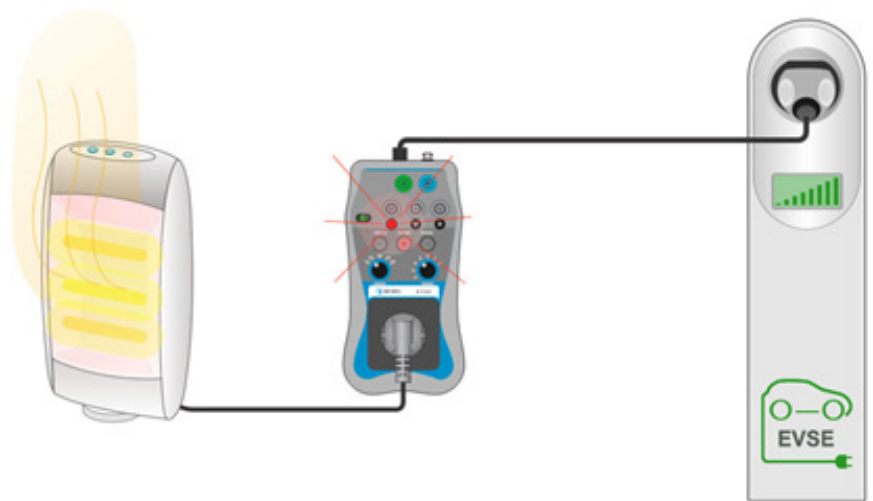
- Banana socket outputs for connection to a 3-phase installation tester;
- Voltage indicators on EVSE output;
- Proximity Pilot resistance selector for simulation of EV cable presence and current rating detection;
- Control Pilot resistance selector for simulation of electric vehicle status;
- Socket output for connection to a 1-phase installation tester (Phase 1, Neutral, PE);
- Type 2 Male Plug connector for connection to EVSE;
- **6 mA EV RCD** support;
- **Functional tests** support;*
- **EVSE AUTO SEQUENCE®** support;*
- **MESM report** creation;**
- **Load testing up to 13 A** on socket - 1 phase or on banana sockets - 3 phase;
- Fault simulation of **Diode short, PE-CP short and PE open**;
- Output BNC connector for CP signal monitoring.

APPLICATION

- On-site testing of EVSE charging station installation;
- Initial and periodic testing of private, semi-private and public EVSE charging stations.

STANDARDS

- Safety**
- EN 61010-1
- Functionality**
- EN 61851-1



* Functional tests and AUTO SEQUENCE® are supported only on the MI 3155 Eurotest XD, MI 3152 EurotestXC and MI 3152 H EurotestXC 2.5 kV testers.
 ** Report printing is only available via the MESM PC SW. The MESM license (P 1101) is to be purchased separately.

TECHNICAL SPECIFICATION

Input voltage	400 V (3-phase)
Frequency	50 Hz
Test current	267 A (10ms) intermittent operation
Maximum load current	13 A continuous operation
Proximity Pilot (PP) simulation	Open circuit 13 A 20 A 32 A 63 A
Control Pilot (CP) simulation	State A (not connected) State B (connected, not charging) State C (charging without ventilation) State D (charging with ventilation)
Error states	CP short to PE via diode Diode short PE open
Overvoltage category	300 V CAT II
Protection degree	IP 40
Pollution degree	2
Protection classification	Double insulation
Altitude	3000 m above sea level
Dimensions (L x W x H)	250 x 100 x 70 mm
Test lead length	0.5 m
Weight	0.90 kg
Working temperature range	0 °C ... 40 °C @ 95 % RH, non-condensing
Storage temperature range	-10 °C ... +70 °C
Maximum storage relative humidity	90 % RH (-10 °C ... +40 °C) 80 % RH (40 °C ... 60 °C)

SUPPORTED INSTRUMENTS

	A 1532 XA EVSE	EV RCD	EV RCM	Zs: no EV RCD trip	Functional inspections	EVSE Auto Sequences®	EVSE report
MI 3155 EurotestXD	•	•	•	•	•	•	•
MI 3152 EurotestXC	•	•	•	•	•	•	•
MI 3152H EurotestXC 2,5 kV	•	•	•	•	•	•	•
MI 3102 BT EurotestXE	•	•					•
MI 3102H BT EurotestXE 2,5 kV	•						•
MI 3125 BT Eurotest COMBO	•	•		•			•
MI 3100 SE EurotestEASI	•						
MI 3100 s EurotestEASI	•						
MI 3125 EurotestCOMBO	•						
MI 3105 EurotestXA	•						
MI 3101 EurotestAT	•						

METREL D.D.

Measuring and Regulation Equipment Manufacturer
Ljubljanska 77, SI-1354 Horjul, Slovenia
T +386 (0)1 75 58 200, F +386 (0)1 75 49 226
metrel@metrel.si, www.metrel.si

ORDERING INFORMATION



Standard set A 1532 XA

- Instrument XA EVSE adapter
- Small soft carrying bag
- Instruction manual

AUTO SEQUENCE EXAMPLE

